Google scholar | (video or audio) and application and "operating | Search |

Scholar | Articles and patents | | anytime | | include citations | Results **1 - 100** of about **15,300**. (**0.50** sec)

Did you mean: (video or audio) and application and "operating system" and *integration* and email

Horus: A flexible group communication system- psu.edu [PDF]
R Van Renesse, KP Birman, S Maffeis, 1996 - portal.acm.org
... To validate our approach, we ported a sophisticated Tcl/Tk **application** to Horus. ...
Tk extension that provides objects that read or output **audio** and **video** data ...
Cited by 770 - Related articles - BL Direct - All 36 versions

[PDF] Analyzing the multimedia **operating system**
R Steinmetz - IEEE Multimedia Magazine, 1995 - dsi.unive.it
... et al., "SVR4Unix Scheduler Unacceptable for Multimedia **Applications**," Proc ... Network
and **Operating System** Support for Digital **Audio** and **Video**, Springer-Verlag ...
Cited by 125 - Related articles - All 8 versions

[PDF] The Virtual School: An **integrated** collaborative environment for the classroom
PL Isenhour, JM Carroll, DC Neale, MB ... - Educational Technology and Society, 2000 - Citeseer
... sharing in addition to **video** and **audio** conferencing ... As with **video** conferencing, students
may select one or more ... seeing a live snapshot of the **application** window ...
Cited by 49 - Related articles - View as HTML - All 10 versions

[PDF] Dynamic QoS control of multimedia **applications** based on RTP
I Busse, B Deffner, H Schulzrinne - Computer Communications, 1996 - Citeseer
... the synchronization of different media, for example, lip-syncing of **audio** and **video**. ...
For conferencing **application**, a bit more context is often desirable. ...
Cited by 356 - Related articles - View as HTML - All 18 versions

[PDF] **Integrated** quality of service for multimedia communications
A Campbell, G Coulson, F Garcia, D ... - IEEE INFOCOM, 1993 - Citeseer
... also be configurable: eg unencoded **video** is highly ... to preserve the intelligibility
of **audio** and voice ... QOS also involves distributed **application** platforms which ...
Cited by 144 - Related articles - View as HTML - BL Direct - All 7 versions

Multimedia systems: An overview- fau.edu [PDF]
B Furht - IEEE Multimedia, 1994 - doi.ieeecomputersociety.org
... 1. Storage requirements for u typical multimedia **application** with compressed ... new
algorithms and data structures, **video** and **audio** compression algorithms ...
Cited by 170 - Related articles - All 9 versions

Montage: Providing teleproximity for distributed groups- usyd.edu.au [PDF]

JC Tang, M Rua - Proceedings of the SIGCHI conference on Human ..., 1994 - portal.acm.org

... **application** upon completion of events in a timely manner (eg, **audio** signal done ... Montage
is a single point of contact for desktop **video** conferencing, calendar ...

Cited by 151 - Related articles - BL Direct - All 8 versions

The VuSystem: A programming system for visual processing of digital **video**- psu.edu [PDF]

C Lindblad, D Wetherall, D Tennenhouse - Proceedings of the second ACM international ..., 1994 - portal.acm.org

... formed continuously on a running **audio** or **video** sequence. ... The in-band code usually
is a small part of the overall **application** code, but consumes most of ...

Cited by 69 - Related articles - All 4 versions

A survey of **application** layer techniques for adaptive streaming of multimedia- psu.edu [PDF]

B Vandalore, W Feng, R Jain, S Fahmy - Real-Time Imaging, 2001 - Elsevier

... We also discuss **operating system** methods to support adaptive ... A Transport Protocol
for real-time **applications**. **audio-video** transport working group, Sept 1987. ...

Cited by 58 - Related articles - BL Direct - All 11 versions

[PDF] Streaming **video** over the internet: Approaches and directions

D Wu, YT Hou, W Zhu, YQ Zhang, JM Peha - IEEE transactions on circuits and systems for **video** ..., 2001 - Citeseer

... and efficiency for streaming **video**/**audio** over the ... include network fil- tering,
application-level multicast ... eg, transport protocols), an **operating system**, and a ...

Cited by 471 - Related articles - View as HTML - BL Direct - All 42 versions

[CITATION] **Operating System** Principles- ihk.dk [PDF]

A Silberschatz, PB Galvin, G Gagne, 2006 - Wiley India Pvt. Ltd.

Cited by 2486 - Related articles - All 40 versions

... multimedia jukebox (IMJ): A new paradigm for the on-demand delivery of **audio/video**- psu.edu [PDF]

KC Almeroth, MH Ammar - Computer Networks and ISDN Systems, 1998 - Elsevier

... T. Liao, WebCanal: a multicast Web **application**. In: Proc. ... Workshop on Network and
Operating System Support for Digital **Audio** and **Video** '97 (May 1997). ...

Cited by 55 - Related articles - All 13 versions

[PDF] Distributed extreme programming

M Kircher, P Jain, A Corsaro, D Levine - Proceedings of XP2001, 2001 - Citeseer

... was not possible using the NetMeeting **application** sharing functionality. ... dial-up,
hindered the use of **video** because of jitter introduced in **audio** along with ...

Cited by 66 - Related articles - View as HTML - All 26 versions

[PS] Lip synchronisation for use over the Internet: Analysis and implementation

I Kouvelas, V Hardman, A Watson... - GLOBECOM-NEW YORK-, 1996 - www-mice.cs.ucl.ac.uk

... bounded dispatch latency for **applications** [24, 25, 26 ... of lip synchronisation between
audio and **video** ... A novel efficient architecture for **video** reconstruction was ...

Cited by 74 - Related articles - View as HTML - BL Direct - All 7 versions

System and method providing a computer user interface enabling access to distributed ...

J Tang, E Isaacs, T Morris, T Rodriguez, A ... - US Patent 5,793,365, 1998 - Google Patents
... 5,793,365 7 8 active **application** on the user's computer ... in the gallery window 10
through **audio** data captured ... a first predeter- such as **video**-conferencing, **email** ...
Cited by 47 - Related articles - All 2 versions

[PDF] Dynamic power management for embedded systems

B Brock, K Rajamani - Proceedings of the IEEE SOC Conference, 2003 - researchweb.watson.ibm.com
... of the processing requirements of each **video** frame (including **audio** decoding overhead),
and ... K. Langendoen, and H. Sips, "**Application**-directed voltage ...
Cited by 56 - Related articles - View as HTML - All 9 versions

An XML-based quality of service enabling language for the web- psu.edu [PDF]

X Gu, K Nahrstedt, W Yuan, D Wichadakul, D ... - Journal of Visual Languages and Computing, 2002 - Elsevier
... **Operating System** Support for Digital **Audio** and **Video** ... and admission control for MPEG
video, Proceedings of ... K. Fujikawa, S. Shimojo, 1995, **Application** level QoS ...
Cited by 57 - Related articles - BL Direct - All 13 versions

Organizational knowledge and the intranet- njit.edu [PDF]

JE Scott - Decision Support Systems, 1998 - Elsevier
... an 'Extranet' [45]), and industry wide **applications** [51]. ... knowledge by enabling systems
integration, access to ... asynchronous communication such as **email** and the ...
Cited by 131 - Related articles - All 8 versions

A continuous media **application** supporting dynamic QOS control on real-time Mach

T Nakajima, H Tezuka - Proceedings of the second ACM international ..., 1994 - portal.acm.org
... frame rate for **video** and a sample rate for **audio**, a user ... are "In [4], several domains
of a **video** to which ... **system** codes which are optimal for the **application**. ...
Cited by 44 - Related articles - All 3 versions

Personal mobility for multimedia services in the Internet- psu.edu [PDF]

H Schulzrinne... - Lecture Notes in Computer Science, 1996 - Springer
... matter, and can range from **integrating** the location ... maximum use of the **email**
infrastructure for ... Each media entry lists the type (**audio, video, application** ....
Cited by 40 - Related articles - BL Direct - All 24 versions

Advances in interactive digital multimedia systems

EA Fox... - IEEE Computer, 1991 - doi.ieeecomputersociety.org
... Compression methods Clearly, compression is essential if **audio**, images, and
video are to be used in digital multimedia **applications**. ...
Cited by 154 - Related articles - All 7 versions

QoS-aware resource management for distributed multimedia **applications**^{1}- psu.edu [PDF]

K Nahrstedt, H Chu, S Narayan - Journal of High Speed Networks, 1998 - IOS Press
... as **video**-conferencing require bounded end-to-end delay with a minimal jitter for
meaningful **audio** and **video** ... **Video**-on-Demand **applications** require minimal ...
Cited by 164 - Related articles - BL Direct - All 19 versions

[PDF] Web Services Architecture for M-Learning

SK Sharma, FL Kitchens - Electronic Journal on e-Learning Volume, 2004 - Citeseer

... common **Audio**-teleconference and **Video**-teleconference both ... tests and assignments More **audio** and visual ... and offering platform- and vendor-neutral **applications**. ...

Cited by 36 - Related articles - View as HTML - All 6 versions

Architecture, design, and development of an HTML/Javascript web-based group support ...

NC Romano Jr, JF Nunamaker Jr, RO Briggs, ... - Journal of the American Society for Information Science, 1998 - papers.ssrn.com

... that reside within a Web browser. Documents can also consist of graphics, **video**, and **audio**. ... In a client **application**, JavaScript statements em- ...

Cited by 43 - Related articles - BL Direct - All 6 versions

[PDF] MobiHealth--innovative 2.5/3G mobile services and **applications** for healthcare

D Konstantas, V Jones, R Bults, R Herzog - Proceedings of the Eleventh Information Society ..., 2002 - Citeseer

... be equipped with a BAN, with **video** and **audio** ... the hospital along with visual and **audio** information ... constants measurement and even fitness **applications** are today ...

Cited by 40 - Related articles - View as HTML - All 7 versions

Operating system support for multimedia systems- psu.edu [PDF]

T Plagemann, V Goebel, P Halvorsen, O ... - Computer communications, 2000 - Elsevier

... give a more general characterization of multimedia **application** requirements ... out of three main parts: electronic whiteboards, **audio** system, and **video** system ...

Cited by 47 - Related articles - All 21 versions

[PDF] SHASTRA - An Architecture for Development of Collaborative **Applications**

V Anupam, CL Bajaj - Int. J. Cooperative Inf. Syst., 1994 - Citeseer

... oriented towards structured 3D graphics, and is typically **application** specific ... of facilities for text, 2D and 3D graphics, **audio** and **video** communication has ...

Cited by 48 - Related articles - View as HTML - All 15 versions

Agile **application**-aware adaptation for mobility- psu.edu [PDF]

BD Noble, M Satyanarayanan, D Narayanan, JE ... - ACM SIGOPS Operating Systems Review, 1997 - portal.acm.org

... with the philosophy of modem **operating system** designs such ... of mobile information access: a **video** player whose ... The third **application**, a speech recognizer, was ...

Cited by 747 - Related articles - BL Direct - All 49 versions

Live interdisciplinary teaching via the internet

TJ Filler, J Jerosch, ET Peuker - Computer methods and programs in biomedicine, 2000 - Elsevier

... a PC (Pentium II™ 300 MHz, **operating system** Windows-NT ... capacities indispensable for **audio**-**video applications** on the ... Compared to **video** conference systems the ...

Cited by 12 - Related articles - All 6 versions

[CITATION] Multimedia synchronization techniques: experiences based on different system structures

R Steinmetz, T Meyer - ACM SIGCOMM Computer Communication Review, 1992 - portal.acm.org

... ahead of **video** fo r about 120 msec, and **video** can be displayed ahead of **audio** for about ... in-time playback For synthetic-synch , th e **application** defines an ...

Cited by 34 - Related articles - All 2 versions

[PDF] Designing an on-demand multimedia service

PV Rangan, HM Vin, S Ramanathan - IEEE Communications Magazine, 1992 - Citeseer

... use of analog transmission and storage of **video** and **audio** by employing ... hand, multimediaservices that are indeed digital and **integrated** into distributed ...

Cited by 401 - Related articles - View as HTML - All 13 versions

[PDF] Advance resource reservation and its impact on reservation protocols

W Reinhardt - Proceedings of Broadband Island, 1995 - Citeseer

... **Applications** were discussed for which advance resource reservation will be a ... on Network and **Operating System** Support for Digital **Audio** and **Video**, Durham, NH ...

Cited by 41 - Related articles - View as HTML - All 5 versions

[PDF] **Integrating** Access and Collaboration for Multimedia **Applications**

G Teege, M Koch - Proceedings of International Conference on Multimedia ... - Citeseer

... An Introduction to HeiMAT: The Heidelberg Multimedia **Application** Toolkit, in P ... Network and **Operating System** Support for Digital **Audio** and **Video**, number 712 ...

Cited by 12 - Related articles - View as HTML - All 5 versions

The platforms enabling wireless sensor networks- psu.edu [PDF]

J Hill, M Horton, R Kling, L Krishnamurthy, 2004 - portal.acm.org

... When attempting to process **video** or high-bandwidth **audio**, the Mica2 ... **operating system** support is required to meet the demands of more complex **applications**. ...

Cited by 253 - Related articles - BL Direct - All 23 versions

[PDF] A network interface unit to support continuous media

G Blair, A Campbell, G Coulson, F Garcia, D ... - IEEE Journal on selected areas in Communications, 1993 - Citeseer

... The remaining two disks store **video** and **audio** data files ... **Applications** view the functionality offered by the MNI unit as a well defined set of services ...

Cited by 32 - Related articles - View as HTML - BL Direct - All 7 versions

A hierarchical CPU scheduler for multimedia operating systems- psu.edu [PDF]

P Goyal, X Guo, HM Vin - usenix.org

... SVR4UNIX Scheduler Unacceptable for Multimedia **Applications**. ... Workshop on Network and **Operating System** Support for Digital **Audio** and **Video**, pages 41-53 ...

Cited by 441 - Related articles - BL Direct - All 19 versions

Where were we: making and using near-synchronous, pre-narrative **video**

SL Minneman, SR Harrison - Proceedings of the first ACM international conference ..., 1993 - portal.acm.org

... by special purpose hardware; a library of **application** functions and ... of this hardware and coordinate **video** with existing workstation **audio** facilities. ...

Cited by 41 - Related articles - All 3 versions

CyberCAD: a collaborative approach in 3D-CAD technology in a multimedia-supported ...

FEH Tay, A Roy - Computers in Industry, 2003 - Elsevier

... publication of standards for **video** and **audio** delivery ... workflow to maintain other CAD **applications** in this ... communicate with one another through voice and **video**. ...

Cited by 35 - Related articles - All 4 versions

Dynamic configuration of conferencing **applications** using pattern-matching multicast- *psu.edu* [PDF]

H Schulzrinne - ... systems support for digital **audio** and **video**: 5th ..., 1995 - books.google.com

... V. Jacobson," RTP: A transport pro- tocol for real-time **applications**." Internet
draft **...** and encodings for the use of RTP for **audio** and **video** conferences with **...**

Cited by 36 - Related articles - BL Direct - All 12 versions

[PDF] Evaluating on-line learning platforms: a case study

F Colace, M De Santo, M Vento - Proc. 36th Hawaii International Conference on System ... - Citeseer

... work independently of the computer and the **operating system** on which **...** tend to use
Microsoft NetMeeting **application** as for managing live **audio/video** stream. **...**

Cited by 24 - Related articles - View as HTML - All 7 versions

Adapting distributed **applications** using extensible networks- *psu.edu* [PDF]

S Thibault, J Marant, G Muller - ... NATIONAL DE RECHERCHE EN INFORMATIQUE ET ..., 1998 - doi.
ieeecomputersociety.org

... An active service framework and its **application** to real **...** safety and performance in
the SPIN **operating system**. **...** A distributed real-time MPEG **video audio** player. **...**

Cited by 31 - Related articles - BL Direct - All 23 versions

[PDF] An **integrated** home server for communication, broadcast reception, and home automation

I Han, H Park, Y Jeong, K Park - IEEE Transactions on Consumer Electronics, 2006 - cs.gmu.edu

... For the **application** of home automation system, this home server has **audio**
coder/decoder (CODEC) of G **...** And G.723.1 **audio** CODEC chip and H.263 **video** CODEC chip **...**

Cited by 24 - Related articles - View as HTML - BL Direct - All 5 versions

[PDF] Closing the gap in distance learning: Computer-supported, participative, media-rich ...

J Schnepf, V Mashayekhi, J Riedl, D Du - Education Technology Review, 1994 - Citeseer

... the realtime capabilities necessary for the support of live **audio** and **video** as well **...**
a set of generic tools that will be used by this **application** and others **...**

Cited by 20 - Related articles - View as HTML - All 3 versions

[PDF] Active disks for large-scale data processing

E Riedel, C Faloutsos, GA Gibson, D Nagle - Computer, 2001 - Citeseer

... an image, text fragment, or **audio** seg- ment **...** demand **applications** collect sensor data
from **video** cameras, microphones **...** in many classes of data mining **applications**. **...**

Cited by 103 - Related articles - View as HTML - BL Direct - All 17 versions

Controlling the process with distributed multimedia

A Guha, A Pavan, JCL Liu, BA Roberts - IEEE MultiMedia Magazine, 1995 - csdl.computer.org

... **Video**-source object at sensor Close **Audio** object at **...** Since prac- tical **applications**
like process monitoring will **...** the client cannot dis- play a **video** frame until **...**

Cited by 27 - Related articles - All 5 versions

Industrial strength hypermedia: requirements for a large engineering enterprise- *indiana.edu* [PDF]

KC Malcolm, SE Poltrock, D Schuler - Proceedings of the third annual ACM conference on ..., 1991 - portal.acm.org

... platforms, **applications**, and data sources. **...** **video**, recorded **audio** segments,
computer-based animations, computer-generated speech and music **...**

Cited by 159 - Related articles - All 4 versions

A collaborative wearable system with remote sensing- uoregon.edu [PS]

M Bauer, T Heiber, G Kortuem, Z Segall - Proceedings of International Symposium on Wearable ..., 1998 - doi.ieeecomputersociety.org

... a central LAN server; (2) a shared **video** viewer which ... without effecting the **application**. ...
For example, MacIntyre [16] describes an **audio**-based augmented-reality ...

Cited by 59 - Related articles - All 11 versions

Interactive television systems

B Furht - Proceedings of the 1996 ACM symposium on Applied ..., 1996 - portal.acm.org

... running a small real-time **operating system**, system memory ... unit consists of a
video/audio codec, while ... Partitioning an **application** between the TVComputer and the ...

Cited by 103 - Related articles - BL Direct - All 5 versions

Integrated request-response system and method generating responses to request objects ...

G Kremen, KS Kunzelman, PT Ong, SM Fraize ... - US Patent 5,706,434, 1998 - Google Patents

... 5,706,434 3 4 client **applications** which communicate using ... may be an image, **audio**,
video, text, or a ... dependent upon properties having the UNIX **operating system**. ...

Cited by 52 - Related articles - All 2 versions

Implementation and evaluation of a multimedia file system- psu.edu [PDF]

TN Niranjan, T Chiueh, GA Schloss - Proceedings of ICMCS'97, Ottawa, Canada, 1997 - doi.ieeecomputersociety.org

... UFS. The **application** forked two child processes, one playing an **audio**
strand while the other played a **video** strand. Only ...

Cited by 27 - Related articles - All 10 versions

[PDF] A network architecture for distributed multimedia systems

JF Adam, HH Houh, M Ismert, DL ... - Proceedings of the International Conference on ..., 1994 - Citeseer

... a transputer which performs such tasks as **audio** mix- ing. ... the approach many have
taken with **video** - that is ... packets and delivers them to the proper **application**. ...

Cited by 40 - Related articles - View as HTML - BL Direct - All 6 versions

Situated information spaces and spatially aware palmtop computers

GW Fitzmaurice, 1993 - portal.acm.org

... to handle all forms of data including text, graphics, **video**, and **audio**. ... Some
applications of ubiquitous devices are active badges [14], which are small ...

Cited by 316 - Related articles - BL Direct - All 4 versions

[PDF] Adaptive mobile multimedia networks

A Alwan, R Bagrodia, N Bambos, M Gerla, L ... - IEEE personal communications, 1996 - comsoc.org

... As with **video** coding, the design of high ... efficiency considerations, the target
application being telephonic ... We developed a speech and **audio** compression scheme ...

Cited by 157 - Related articles - View as HTML - BL Direct - All 2 versions

[CITATION] Nomadik open multimedia platform for next-generation mobile devices

A Artieri, VD Alto, R Chesson, M Hopkins, MC ... - STMicroelectronics Technical Article TA305, 2003

Cited by 14 - Related articles

Media synchronization protocols for packet **audio-video** system on multimedia information ...- psu.edu [PDF]

Y Shibata, N Seta, S Shimizu - Proceedings of the 28th Hawaii International ..., 1995 - doi.ieeecomputersociety.org

... processing load by running a number of "ice" **application** programs on X ... the result
of the time difference between the **video** and the **audio** segment on ...

Cited by 14 - Related articles - BL Direct - All 7 versions

Experience with adaptive mobile **applications** in Odyssey- psu.edu [PDF]

BD Noble, M Satyanarayanan - Mobile Networks and **Applications**, 1999 - Springer

... However, we suspect that collab- orative **applications** that choose to make ... instance,
in a collaborative task that included **audio** and **video** conferencing and ...

Cited by 127 - Related articles - BL Direct - All 21 versions

[PDF] Adaptive middleware for mobile multimedia **applications**

GS Blair, G Coulson, N Davies, P Robin, T ... - ... **Operating System** Support for Digital **Audio** and **Video** ..., 1997 - Citeseer

... simplicity, we focus on the **video** binding. ... have also constructed an example **audio**
stream binding ... considered the requirements of mobile multimedia **applications**. ...

Cited by 63 - Related articles - View as HTML - All 7 versions

Lessons learned from the design of a mobile multimedia system in the Moby Dick project- psu.edu [PDF]

GJM Smit, PJM Havinga - Lecture Notes in Computer Science, 2000 - Springer

... reconfigurable modules such as network, **video** and **audio** devices, interconnected
by ... **operating system** architecture and **applications** architecture, where each ...

Cited by 13 - Related articles - BL Direct - All 15 versions

A low-cost internet-based telerobotic system for access to remote laboratories- insa-lyon.fr [PDF]

S You, T Wang, R Eagleson, C Meng, Q ... - Artificial Intelligence in Engineering, 2001 - Elsevier

... beginning of the system's **application** and popularity ... interface, autonomous
multi-sensor **integration**, Internet-based ... also feeds the **video**, **audio**, and proximity ...

Cited by 26 - Related articles - All 4 versions

[PDF] Services, frameworks, and paradigms for distributed multimedia **applications**

M Muhlhauser, J Gecsei - IEEE multimedia, 1996 - Citeseer

... initially an extension of Apple's Macintosh **Operating System**, is centered ... display
application: **video** capture / transmission / display system ... **audio**, **video**). ...

Cited by 25 - Related articles - View as HTML - BL Direct - All 8 versions

[PDF] OMAP: Enabling multimedia **applications** in third generation (3G) wireless terminals

J Chaoui, K Cyr, JP Giacalone, S Gregorio, ... - Texas Instruments Technical White Paper SWPA001, 2000 - es2.be

... is well suited for control type code (**Operating System** (OS), User ... can process, in
real- time, a full videoconferencing **application** (**audio** and **video** at 15 ...

Cited by 16 - Related articles - View as HTML - All 22 versions

Distributed multimedia and QOS: A survey

A Vogel, B Kerherve, G von Bochmann, J ... - IEEE Multimedia Magazine, 1995 - csdl.computer.org

... and **Operating system** Support for Digital **Audio** ond **Video** ... Destgn and Implementation
of a **Video** Database System ... of QOS within distributed **application** platforms or ...

Cited by 279 - Related articles - All 5 versions

[PDF] State-of-the-art SIP for mobile **application** supernetworking

D Howie, M Ylianttila, E Harjula, J Sauvola - Proceedings of Nordic Radio Symposium, 2004 - Citeseer

... to simultaneously send and receive **audio** streams in real ... An example might be a **video** conference on a ... as SIP will stimulate multimedia **application** development by ...

Cited by 15 - Related articles - View as HTML - All 5 versions

System support for **integrated** desktop **video** conferencing- psu.edu [PDF]

A Pearl, 1992 - portal.acm.org

... **application**-specific data of these **applications** in a timecrit- ical manner, just like **video** and **audio**. ... Interaction Over Computer and **Video** Networks," SIGCHI ...

Cited by 7 - Related articles - All 11 versions

Bringing object-relational technology to the mainstream- grandpoohbah.net [PDF]

V Krishnamurthy, S Banerjee, A Nori - Proceedings of the 1999 ACM SIGMOD international ..., 1999 - portal.acm.org

... Oracle interMedia extends Oracle8i reliability and availability to **applications** that need ... SQL access using native text, image, **audio**, and **video**, and other ...

Cited by 15 - Related articles - BL Direct - All 12 versions

Bibs: A lecture webcasting system

LA Rowe, D Harley, P Pletcher, S Lawrence - UC Berkeley: Center for Studies in Higher Education. ..., 2001 - escholarship.org

... Figure 13 shows a remote participant's view of the seminar with multiple **video** streams, mixed **audio**, and shared **application** software that supported ...

Cited by 51 - Related articles - Cached - All 14 versions

High Quality Mobile Communication

H Hartenstein, A Schrader, A Kassler, M ... - Kommunikation in Verteilten Systemen (KiVS): 12. ..., 2001 - books. google.com

... To support differ- ent service levels for group communication **audio** and **video** filtering is ... level (packet-based) as well as on **application** level (content ...

Cited by 17 - Related articles

[PDF] QoS-aware middleware for ubiquitous and heterogeneous environments

K Nahrstedt, D Xu, D Wichadakul, B Li - IEEE Communications Magazine, 2001 - Citeseer

... up and enforcing QoS in IP or ATM networks, in **operating system** (OS) kernels ... Internal translation **Audio/Video** streaming **applications** Performed by ...

Cited by 143 - Related articles - View as HTML - BL Direct - All 11 versions

Specification of multiparty **audio** and **video** interaction based on the reference model of open ...- psu.edu [PDF]

V Gay, P Leydekkers, RH In't Veld - Computer Networks and ISDN systems, 1995 - Elsevier

... and computational model for Open Distributed Multimedia **applications**, 3rd Int ... Network and **Operating System** Support for Digital **Audio** and **Video**, November 1992 ...

Cited by 16 - Related articles - All 8 versions

VHD++ development framework: Towards extendible, component based VR/AR simulation ...- papagiannakis.org [PDF]

M Ponder, G Papagiannakis, T Molet, N ... - Computer Graphics International (CGI), 2003 - doi.ieeecomputersociety.org

... scaled down cousins: interactive **video** games ... time frameworks supporting interactive

audio-visual simulations **...** role" by separating **application** abstraction level **...**
Cited by 69 - Related articles - All 7 versions

Document stream **operating system**
E Freeman, DH Gelernter - US Patent App. 11/607,099, 2006 - Google Patents
... each data unit and each of the data units may be textual data, **video** data, **audio**
data and **...** Thus, running an **application** is a variant of the new operation. **...**
Cited by 26 - Related articles - All 4 versions

[PDF] Evaluating **integrated** electronic commerce systems
DM Lincke - Electronic Markets, 1998 - electronicmarkets.org
... plication, however, communication takes place within chat rooms or through
internet-based **video** or **audio** conferencing **...** Data and **application** security Measures **...**
Cited by 25 - Related articles - View as HTML - BL Direct - All 2 versions

[PDF] Quality of service management in distributed systems
D Hutchison, G Coulson, A Campbell, GS ... - Network and Distributed Systems Management, 1994 - Citeseer
... In order to support multimedia **applications**, operating systems must provide a degree
of **...** nature of continuous media data types such as **audio** and **video**. **...**
Cited by 50 - Related articles - View as HTML - All 9 versions

Heterogeneous wireless network management- psu.edu [PDF]
W Qadeer, TS Rosing, J Ankcorn, V Krishnan, ... - Proc. Wksp. Power Aware Computer Systems (PACS), 2003 - Springer
... Clearly, for each **application** 802.11b spends more time in **...** we tested with were the
highest quality **audio**, and thus were larger relative to MPEG2 **video** file **...**
Cited by 22 - Related articles - All 19 versions

[PDF] Middleware for multimedia mobile collaborative system
X Su, BS Prabhu, CC Chu, R Gadh - Third annual wireless telecommunications symposium ... - Citeseer
... Operating system: **operating system** information includes the type and **...** properly, so
picture, **audio**, **video** and other **...** content are sent to client-**application**. **...**
Cited by 16 - Related articles - View as HTML - All 7 versions

Benefits and requirements for interoperability in the electronic marketplace
SY Choi, AB Whinston - Technology in society, 2000 - Elsevier
... products (eg VHS or Beta **video** players) critically **...** For example, **audio** equipment
manufacturers such as Sony are **...** are Internet pricing and **application** of client **...**
Cited by 21 - Related articles - BL Direct - All 2 versions

[PDF] Java-based multimedia collaboration and **application** sharing environment
H Abdel-Wahab, O Kim, P Kabore, JP ... - the Colloque Francophone sur l'Ingenierie des ..., 1999 - Citeseer
... application sharing mechanisms are described in1]. **...** person may join to one, since
practicably speaking, **audio** and **video** devices can only be used **...**
Cited by 17 - Related articles - View as HTML

[PDF] Fundamental design issues for the future Internet

S Shenker - IEEE Journal on Selected Areas in Communications, 1995 - Citeseer

... for real-time **applications**; yet the extreme elasticity of FAX and **email** would be able ... For instance, if one uses the same **audio** or **video application** for both ...

Cited by 754 - Related articles - View as HTML - BL Direct - All 47 versions

QoS adaptation and flow filtering in ATM networks- psu.edu [PDF]

N Yeadon, F Garcia, A Campbell, D Hutchison - Lecture Notes in Computer Science, 1994 - Springer

... This is particularly important when considering dissemination and conferencing **applications**. ... **System** Support for Digital and **Audio** and **Video**, Lancaster, UK ...

Cited by 37 - Related articles - BL Direct - All 8 versions

Flow synchronization protocol- ucl.ac.uk [PS]

J Escobar, C Partridge, D Deutsch - IEEE/ACM Transactions on Networking (TON), 1994 - portal.acm.org

... two destinations of the multicast **audio** flow being ... be monitoring only and its **video** flow may ... functions should be incorporated into these existing **application** ...

Cited by 175 - Related articles - BL Direct - All 8 versions

Making paths explicit in the Scout **operating system**- psu.edu [PDF]

D Mosberger, LL Peterson - ACM SIGOPS Operating Systems Review, 1996 - usenix.org

... paths as an explicit abstrac- tion in **operating system** design ... in a partic- ular **application** domain—receiving ... decoding, and dis- playing MPEG-compressed **video**. ...

Cited by 315 - Related articles - BL Direct - All 54 versions

Abstractions for continuous-media programming

R Steinmetz, JC Fritzsche - COMP. COMMUN., 1992 - Springer

... Network and **Operating System** Support for Digital **Audio** and **Video**, International Computer ... Josh Sirota, David Berry; A Multimedia **Application** Pro- gramming ...

Cited by 15 - Related articles - All 4 versions

A continuous media transport and orchestration service- psu.edu [PDF]

A Campbell, G Coulson, F Garcia, D ... - ACM SIGCOMM Computer Communication Review, 1992 - portal.acm.org

... lo transfer continuous media such ar digital **audio** and **video** across packet switched networks imposes a ... We then describe an **application** level service, known as ...

Cited by 120 - Related articles - BL Direct - All 13 versions

Operating system having external media layer, workflow layer, internal media layer, and ...

CCM Beck, JM Berke, JA Johnstone, RM ... - US Patent 6,345,305, 2002 - Google Patents

... That is, data, including **audio** data, is prepared, sent ... fax, file share, file transfer, **video** calls, and ... that support virtually any planned **application** and media ...

Cited by 12 - Related articles - All 4 versions

Multimedia teletutoring over a trans-European ATM network- psu.edu [PDF]

YH Pusztaszeri, M Alou, EW Biersack, P ... - Lecture Notes in Computer Science, 1994 - Springer

... which were not ideal but satisfactory to support the BETEL teletutoring **application**. UDP/IP were used to transport real-time **audio** and **video** data, without ...

Cited by 16 - Related articles - BL Direct - All 4 versions

[PDF] *Extensions to ANSA for multimedia computing

G Coulson, GS Blair, N Davies, N Williams - Computer Networks and ISDN Systems, 1992 - Citeseer
... it is necessary to provide an interface whereby an **application** dependent set ... join
a **video** conference by setting up a number of **video** and **audio** connections. ...
Cited by 83 - Related articles - View as HTML - All 5 versions

Use of the internet to enhance construction communication: total information transfer system

CM Tam - International Journal of Project Management, 1999 - Elsevier
... The Web enables users to share text, graphics, **audio** and **video** through 'pages ... Hence,
its **application** to the construction industry of Hong Kong is a treasure ...
Cited by 42 - Related articles - BL Direct - All 6 versions

Networked multimedia: The medusa environment

S Wray, T Glauert, A Hopper - IEEE MultiMedia Magazine, 1994 - doi.ieeecomputersociety.org
... However, these have little in common with our work on ATM networked **video** and **audio**,
with its emphasis on low latency **applications** with many parallel ...
Cited by 23 - Related articles - All 5 versions

Real-time **applications** on the Internet- *psu.edu [PDF]

S Rudkin, A Grace, MW Whybray - BT Technology Journal, 1997 - Springer
... The real-time streaming protocol (RTSP) [34] is an **application** protocol under ... for
control of delivery from streaming servers such as **audio** or **video** servers. ...
Cited by 25 - Related articles - BL Direct - All 7 versions

[PDF] *ViewStation **Applications**: Implications for Network Tra c

C Lindblad, D Wetherall, W Stasior, J Adam, ... - IEEE Journal on Selected Areas in Communications, 1995 - Citeseer
... load, they distribute the **video** processing **applications** across a cluster ... The **video**
itself is distributed using the X Window System, and **audio** is distributed ...
Cited by 16 - Related articles - View as HTML - BL Direct - All 5 versions

Integrating wireless sensor networks with the grid- *psu.edu [PDF]

M Gaynor, SL Moulton, M Welsh... - IEEE Internet Computing, 2004 - doi.ieeecomputersociety.org
... and routing results to a base station for delivery to the **application**. ... on Network
and **Operating System** Support for Digital **Audio** and **Video** (NOSSDAV '01), pp ...
Cited by 78 - Related articles - BL Direct - All 18 versions

The design of **audio** servers and toolkits for supporting speech in the user interface- *kfupm.edu.sa [PDF]

B Arons - Journal of the American Voice I/O Society, 1991 - eprints.kfupm.edu.sa
... has accelerated the pace of graphical **application** development by ... ACM SIGGRAPH **Video**
Review, Volume 27, 1987. ... he was leader of the Desktop **Audio** Project at an ...
Cited by 23 - Related articles - View as HTML - All 2 versions

A paradigm shift in the distribution of multimedia

G Parr, K Curran, 2000 - portal.acm.org
... on the source data stream, for example, **audio** (microphone), **video** (camcorder) or ...
result is separate streams from the same **application** are multicast ...
Cited by 22 - Related articles - BL Direct - All 2 versions

[PDF] Multimedia **applications** and their implications on database architectures

W Klas, K Aberer - Advanced Course on Multimedia Databases in … - Citeseer

… of documents including text, images, **audio**, **video** and data **…** Progressin **integrat**- ing network technology and multimedia **…** example from this **application** domain is a **…**

Cited by 16 - Related articles - View as HTML - All 3 versions

[BOOK] RTP: **Audio** and **Video** for the Internet- evo.bg [PDF]

C Perkins, 2006 - books.google.com

… reservation through both the **Integrated** Ser- vices **…** different from those of a webcasting **application**. **…** Internet that affect **audio**/**video** transport: • Chapter 1 **…**

Cited by 119 - Related articles - All 5 versions

Supporting the real-time requirements of continuous media in open distributed processing- psu.edu [PDF]

G Coulson, GS Blair, JB Stefani, F Horn, L … - Computer Networks and ISDN Systems, 1995 - Elsevier

… interfaces and stream bindings allows **application** transparent QoS **…** To achieve continuous synchronisation between associated **audio** and **video** presentations, a **…**

Cited by 48 - Related articles - All 6 versions

A Service Kernel for Multimedia Endstations- psu.edu [PDF]

K Nahrstedt, J Smith - Lecture Notes in Computer Science, 1994 - Springer

… This service maps the **application** QoS parameters onto **audio**/visual descriptions and **…** In our current implementation, a motion **video** file is used for **…**

Cited by 23 - Related articles - BL Direct - All 13 versions

[PDF] Evaluating object DBMSs for multimedia

P Pazandak, J Srivastava - TC, 1995 - Citeseer

… support for multimedia data, the next generation of **applications** will demand a **…** for temporal (or "continuous") data types, including **audio** and **video**. **…**

Cited by 30 - Related articles - View as HTML - BL Direct - All 6 versions

Live streaming **video** for medical education: a laboratory model

A Gandsas, K McIntire, G Palli, A Park - Journal of Laparoendoscopic & Advanced Surgical …, 2002 - liebertonline.com

… 28.8 (Dial-up modem) 24.0 11.3 0 No **video** image rendered **…** **Audio**: 10 kbps, 11 kHz. **…** C. An overview of videostreaming on the Internet and its **applications** to surgi **…**

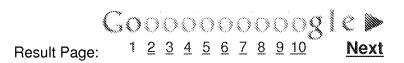Cited by 15 - Related articles - BL Direct - All 3 versions

Net. Speech: desktop **audio** comes to the net

L Press, 1995 - portal.acm.org

… **Audio** mixing: adding 8 channels of stereo **audio** at 22k samples/sec. **…** ProShare **video** conferencing: encoding/decoding and display of a 160 x **…** CPU Load **Application** **…**

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